

* * * * * * * * * * * * * * *
* * * * * * * * * * * * * * *
* E I S N E W S L E T T E R *
* * * * * * * * * * * * * * *
* * * * * * * * * * * * * * *

October 5, 1973

I-17

Persons interested in obtaining additional information should contact this Office at 550 Haleakauwila Street, Tani Office Building, Room 301, Honolulu, Hawaii 96813 or call 548-6915.

SIERRA CLUB, INDUSTRIES CRITICIZE EPA'S "SIGNIFICANT DETERIORATION PLAN"

EPA's four (4) proposals for regulating air quality (published in issues I-15 and I-16 of the EIS Newsletter) is presently undergoing hearings on the Mainland U. S.

EPA officials, at the Washington hearing, confronted dissenting environmentalists (represented by members of the Sierra Club) and industrialists. Environmentalists attacked all four proposals as "inadequate" and "illegal", while industrialists in general, denounced them as "superfluous" and "dangerous". Spokesmen for both sides offered other alternatives or modifications to the plans, while others refused to even recognize the EPA hearing as a legitimate forum for such issues. It was clearly evident, however, that further litigation and or lobbying efforts will be exhibited.

John R. Quarles, Acting Administrator, indicated that EPA's preference is Plan Four. Under this plan, states will divide their lands into various regions; and identify areas of allowable changes in air quality. Quarles believes this approach "takes the first step, although perhaps a small one, towards preventing significant deterioration by means of a procedure which will allow consideration of the best use of land..... This type of approach does provide some flexibility and would in effect encourage and stimulate the type of land use planning which is so badly needed for this type of regulation to be applied intelligently."

The aspects of EPA's plan which the Sierra Club objected to included "(1) control of only two pollutants - particulates and sulfur dioxide, (2) non-regulation of "complex" air pollution sources, and (3) states self-regulation (particularly under Plans Three and Four)." Furthermore, the Sierra Club believes that "none of the four plans would prevent significant deterioration of air quality where air is already cleaner than required by Federal standards." The Sierra Club, however, despite its objection to all

four proposals, indicated preference to Plan One--which sets maximum allowable increases in ambient concentration over a 1972 baseline. They proposed a modified version of that plan for EPA's consideration.

The industries' basic position was that EPA's plans are "unnecessary, and perhaps violates the intent of Congress". Testimonies, although in concert with the basic position, reflected quite different approaches to the problem.

Included in a forthcoming issue of the EIS Newsletter will be Hawaii's comments regarding the new regulations. They will be submitted to EPA by October 16, 1973.

ANTICIPATED EIS

Honolulu District Court (relocation), Kahaluu Flood Control Project, Kaneohe Civic Center (site selection), Maintenance of Harbors (dredging), Pacific Sea Jetfoils (inter-island transportation service), Hawaii Foreign-Trade Subzone 9A HIRI Refinery Plant Expansion (U. S. Department of Commerce), Hawaii Foreign-Trade Subzone 9A Honolulu Harbor Terminal Annex (U. S. Department of Commerce).

EIS REGISTER

Final Environmental Impact Statements

<u>Project Name - Expending or Initiating Agency</u>	<u>Location</u>	<u>Description</u>	<u>Suspense Date</u>
1. Inoaole Housing Project - Hawaii Housing Authority	Waimanalo, Oahu	The project site is located immediately adjacent to Waimanalo School and across the Bellows Field Air Force Base. The Inoaole Subdivision will be utilizing the concept of duplex housing, and will include 93 such units, totalling 186 units. The purpose of the project is to provide low-cost housing to the Waimanalo area.	Currently being processed by this Office
2. Kahului Multi-Agency Maintenance and Service Complex	Kahului, Maui	The Department of Accounting and General Services proposes to construct a maintenance and service complex to include office and maintenance operations for the Departments of Accounting and General Services, Agriculture, and Health. The area proposed for the complex is located in the Kahului Airport Complex. It contains approximately five acres.	Currently being processed by this Office

Facilities proposed for this complex are as follows:

Phase I

1. Department of Agriculture
(Quarantine Building and Green House)
2. Department of Health (Vector Control Building)

Phase II

1. Department of Accounting and General Services
 - (a) Maintenance Shop
 - (b) General Storage Building
2. Department of Health
(Air Sanitation Building)

Draft Environmental Impact Statements

1. Puukapu Flood Control Project
Department of Land and Natural Resources

Kamuela, Hawaii

The purpose of the Puukapu Flood Control Project is to institute measures that will reduce the frequency of flooding in the towns of Waimea and Kuhio Village. The means of accomplishing this is by realignment of a small portion of the Waikoloa Stream, by the utilization of 1600 feet of lined channel. The proposed channel realignment originates at the crossing of Waikoloa Stream at Lindsay Road Bridge and terminates in the State of Hawaii property.

2. Eleele-Hanapepe Wastewater Management System - Department of Public Works, County of Kauai

Eleele, Kauai
The long-range plan aims at improving water quality in the Eleele-Hanapepe region and calls for the collection and diversion of sewage to a secondary treatment plant. The plan recommends implementation in several stages to include: construction of a sewage pumping station and a 0.4 mgd secondary treatment plant with deep well injection in the first phase; and in subsequent phases, provision for ocean outfall, reclamation of treated wastewater and increase of plant capacity to 1.4 mgd. The first phase is scheduled for completion by early 1975; the ultimate system is planned for 1990.

3. Papaikou Sewage Treatment Plant - Department of Public Works, County of Hawaii

The proposed action entails the design and construction of a secondary sewage treatment plant with design flows to initially treat 180,000 gallons per day, and an ultimate treatment of 350,000 gallons per day. The facilities included in the proposed treatment plant include: grit chamber comminutor, aeration tanks, settling tanks, aerated sludge digester tanks, blower-chlorinator system, chlorine contact chamber and sludge dewatering unit. The exact location of the proposed facility has not yet been finalized. At the present, the plant is approximately an acre in size, and the proposed location site is adjacent to Kapue Stream. The desired location would provide for discharge into Kapue Stream. Availability of land for the facility will be provided by Papaikou mill management.

4. Kihei Elementary and Intermediate School, Waiohuli-Koakea, Makawao, (Kula) - Department of Accounting and General Services

The proposed 25-acre Kihei Elementary and Intermediate School site is identified by TMK 2-2-02:01 Portion and is presently owned by Haleakala Ranch Company. (The acquisition of the 25-acre site has been initiated by the Department of Land and Natural Resources and should be finalized shortly.) The new school is proposed to replace the existing Kihei School which is old, substandard in land area and located within the tsunami inundation zone. The new school is scheduled to open in 1976 with an initial enrollment of approximately 445 students in grades K to 8.

5. Agricultural Park on Oahu
Department of Agriculture

The State Department of Agriculture is proposing to create an agricultural park near Kunia, Oahu, on 2,000 acres of land owned by Campbell Estate. The site is in the foothills of the Waianae Range and runs parallel to Kunia Road. Nearly 1,000 acres would be involved in the first phase. The objective of the agricultural park is to strengthen diversified agriculture by combining relatively small

10/12

10/15

10/31

independent operations in one area and by providing a central organization which would provide mutual assistance and waste management control. Dedication of the site for diversified agriculture would enable efficient provision of roads, drainage control, utilities, and waste management facilities. Act 110 of the 1972 State Legislature authorized the creation of agricultural parks; approximately \$1,000,000 of State funds will be expended in the creation of the agricultural park complex. The first phase will involve dairies, livestock and feed-lot operations, meat packing, vegetable farming, and nurseries. Expected impacts include: support for diversified agriculture; prevention of urbanization of agricultural lands; changes in use of the land, roads, and water; and significant amounts of animal wastes. Two supplements were also submitted and are available at the libraries.

Reforestation Project Within Hilo, Hawaii
Portions of the Waiakea, Upper Waiakea and Olaa Forest Reserves
Division of Forestry, Department of Land and Natural Resources

A reforestation project is proposed for 11/2 5,300 acres within portions of the Waiakea, Upper Waiakea and Olaa Forest Reserve. (Site is located about 10 miles South of Hilo.) Site preparation consists of clearing most of the large vegetation. Tree species capable of producing quality hardwood lumber such as queensland maple, Australian toon, saligna eucalyptus, and rose gum eucalyptus will be planted after the clearing operation. In the vicinity of mature koa trees, the site preparation work will induce heavy koa regeneration to renew the koa forest reserve.

Non-Impact Statements

1. State Capitol Complex, Demolition of Former Medical Office Buildings

The project proposes the demolition of one three-story reinforced concrete building with a 3-story hollow tile wing, a 750 square fe

Department of Accounting
and General Services

- 7 -

- hollow tile building and a 2,320 square feet parking shed. Land area to be cleared totals 36,400 square feet. The land clearing operation is necessary in order to implement the first phase of the parking garage for State Office Building No. 1.
2. Kuhio Avenue Drain - Department of Public Works, City and County of Honolulu Honolulu, Oahu The Kuhio Avenue drain project consists of the installation of 600 linear feet of storm drain pipe from Nahua Place to the existing drain line on Seaside Avenue. The project construction is anticipated to take 120 days at an estimated cost of \$80,000. 10/12
3. Kalakaua Avenue Drain - Department of Public Works, City and County of Honolulu Honolulu, Oahu The Kalakaua Avenue drain project consists of the installation of 500 linear feet of storm drain pipe in the vicinity of the International Market Place. The project construction is anticipated to take 120 days at an approximate cost of \$80,000. 10/12
4. Building Addition - Concrete Engineering Department, H C & D, Ltd. Honolulu, Oahu The proposed project consists of the construction of a warehouse building addition of H C & D, Ltd.'s concrete engineering facilities on Sand Island Road. The addition will serve as a storage shed for steel prestressing strands. Dimensions of the building are 36 feet x 48 feet. 10/12
5. Emergency Turnouts, Likelike Highway - Department of Transportation Honolulu, Oahu Two (2) emergency turnout ramps are to be constructed on Likelike Highway under this project, one (1) turnout ramp will be for the Honolulu bound traffic in Kalihi Valley just Honolulu side of the State Testing Laboratory, this ramp will be 460 feet long. The other emergency ramp is for Kaneohe bound traffic within the infield area of the proposed Kanekili Interchange (550 feet long). 10/12

Pre-Final Statement

1. Flood Control for the Waiakea-Hilo, Kona Area - Department of Public Works, County of Hawaii

The project consists of the following:

10/23

- (1) A \pm 4,000 foot diversion drainline for the Palai Stream to divert the Stream into Four Mile Creek.
- (2) Construction of a transmission channel (\pm 9,600 Feet) with a bottom width of 50 feet to handle the combined flows of the Palai Stream and Four Mile Creek.
- (3) Two bridges crossing the transmission channel at Awa Street and at Railroad Avenue.
- (4) A dam encompassing \pm 300 acres to hold the combined flows including a spillway with 2,000 cfs capacity.

EIS NEWSLETTER
(I-17)

OFFICE OF ENVIRONMENTAL QUALITY CONTROL

REQUEST FOR DRAFT EIS

Sent to: _____

Contact: _____ Phone No. _____

Request a copy of the following:

1. _____
2. _____
3. _____

Date: _____

Return to: OFFICE OF ENVIRONMENTAL QUALITY CONTROL
Office of the Governor
550 Halekauwila Street
Honolulu, HI 96813

* * * * * * * * * * * * * * * *
* * E I S N E W S L E T T E R * *
* * * * * * * * * * * * * * * *

October 17, 1973

I-18

Persons interested in obtaining additional information should contact this Office at 550 Halekauwila Street, Tani Office Building, Room 301, Honolulu, Hawaii 96813 or call 548-6915.

ANTICIPATED EIS

Honolulu District Court (relocation), Kahaluu Flood Control Project, Kaneohe Civic Center (site selection), Maintenance of Harbors (dredging), Pacific Sea Jetfoils (inter-island transportation service).

EIS NEWSLETTER
(I-18)

OFFICE OF ENVIRONMENTAL QUALITY CONTROL

REQUEST FOR DRAFT EIS

Sent to:

Contact:

Phone No.

Request a copy of the following:

1. _____
2. _____
3. _____

Date:

Return to: OFFICE OF ENVIRONMENTAL QUALITY CONTROL
Office of the Governor
550 Halekauwila Street, Room 301
Honolulu, Hawaii 96813

Final Environmental Impact Statements

<u>Project Name - Expenditure</u>	<u>Initiating Agency</u>	<u>Location</u>	<u>Description</u>	<u>Suspense Date</u>
-----------------------------------	--------------------------	-----------------	--------------------	----------------------

1. Inoaole Housing Project + Waimanalo, Oahu The project site is located immediately adjacent to Waimanalo School and across the Bellows Field Air Force Base. The Inoaole Subdivision will be utilizing the concept of duplex housing, and will include 93 such units, totalling 186 units. The purpose of the project is to provide low-cost housing to the Waimanalo area.

2. Kahului Multi-Agency Maintenance and Service Complex Department of Accounting and General Services

Kahului, Maui The Department of Accounting and General Services proposes to construct a maintenance and service complex to include office and maintenance operations for the Departments of Accounting and General Office Services, Agriculture, and Health. The area proposed for the complex is located in the Kahului Airport Complex. It contains approximately five acres.

Facilities proposed for this complex are as follows:

Phase I

1. Department of Agriculture
(Quarantine Building and Green House)
2. Department of Health (Vector Control Building)

Phase II

1. Department of Accounting and General Services

(3)

- (a) Maintenance Shop
- (b) General Storage Building

2. Department of Health
(Air Sanitation Building)

3. New Passenger Terminal,
General Lyman Field -
Federal Aviation
Administration

Hilo,
Hawaii

The proposed action involves Federal financial assistance pursuant to the Airport and Airways Development Act of 1970 to construct new public airport terminal facilities at General Lyman Field. All work is within the County of Hawaii. Major work items include:

- a. Construct a light new terminal apron (approximately 976,000 sq. ft.) and connecting taxiways.
- b. Construct access road to terminal area (approximately 7,800' x 24').
- c. Construct a new passenger terminal building (approximately 150,000 sq. ft.) with a parking area, roads and necessary utilities.
- d. Transfer of about 285 acres of land needed for new terminal area from State Department of Defense to State Department of Transportation.
- e. Provide security and perimeter fencing.

Pre-Final Statement

1. Flood Control for the
Waiakea-Uka Area -
Department of Public
Works, County of Hawaii

Hilo,
Hawaii

The project consists of the following:

- (1) A + 4,000 foot diversion drainline for the Palai Stream to divert the stream into Four Mile Creek.

10/23

- (2) Construction of a transmission channel (\pm 9,600 feet) with a bottom width of 50 feet to handle the combined flows of the Palai Stream and Four Mile Creek
- (3) Two bridges crossing the transmission channel at Awa Street and at Railroad Avenue
- (4) A dam encompassing + 300 acres to hold the combined flows including a spillway with 2,000 cfs capacity.

Draft Environmental Impact Statement

1. Mililani Kai Elementary School - Department of Accounting and General Services

The proposed Mililani School is designed to serve an ultimate enrollment of 1,000 elementary school students. The target opening date for the school is September 1977.

The recommended site for the school is identified TMK 9-4-05, portion 24 and is located on the southern end of the present Mililani Town development in an area that is proposed for future subdivision development. The 10 acre site is zoned for agricultural use by the City and County's General Plan and the State Land Use District.

Facilities for the proposed school will probably consist of a one-story administration, library and cafeteria buildings, two-story classroom buildings, parking lot, paved courts and grassed play areas.

2. Agricultural Park on Oahu
Department of Agriculture

Kunia, Oahu
The State Department of Agriculture is proposing to create an agricultural park near Kunia, Oahu, on 2,000 acres of land owned by Campbell Estate. The site is in the foothills of the Waianae Range and runs parallel to Kunia Road. Nearly 1,000 acres would be involved in the first phase. The objectives of the

10/31

Kunia,
Oahu

The State Department of Agriculture is proposing to create an agricultural park near Kunia, Oahu, on 2,000 acres of land owned by Campbell Estate. The site is in the foothills of the Waianae Range and runs parallel to Kunia Road. Nearly 1,000 acres would be involved in the first phase. The objectives of the

10/31

(5)

agricultural park is to strengthen diversified agriculture by combining relatively small independent operations in one area and by providing a central organization which would provide mutual assistance and waste management control. Dedication of the site for diversified agriculture would enable efficient provision of roads, drainage control, utilities, and waste management facilities. Act 110 of the 1972 State Legislature authorized the creation of agricultural parks; approximately \$1,000,000 of State funds will be expended in the creation of the agricultural park complex. The first phase will involve dairies, livestock and feed-lot operations, meat packing, vegetable farming, and nurseries. Expected impacts include: support for diversified agriculture; prevention of urbanization of agricultural lands; changes in use of the land, roads, and water; and significant amounts of animal wastes. Two supplements were also submitted and are available at the libraries.

3. Reforestation Project Hilo,
Within Portions of the Hawaii
Waiakea, Upper Waiakea and
Oiaa Forest Reserves -
Division of Forestry, Department
of Land and Natural
Resources

A reforestation project is proposed for 111/2 5,300 acres within portions of the Waiakea, Upper Waiakea and Oiaa Forest Reserve. (Site is located about 10 miles South of Hilo.) Site preparation consists of clearing most of the large vegetation. Tree species capable of producing quality hardwood lumber such as queensland maple, Australian Toon, saligna eucalyptus, and rose gum eucalyptus will be planted after the clearing operation. In the vicinity of mature koa trees, the site preparation work will induce heavy koa regeneration to renew the koa forest reserve.

4. Nalanui Street Housing Honolulu,
Project - Hawaii Housing Oahu
Authority

The Nalanui State Housing Project is a low and moderate income housing project to be developed by the Hawaii Housing Authority and is located in Kapalama, Honolulu on land that

(6) is owned by the State. The project is currently zoned low density apartment, R-7 for TMK: 1-7-35:14 and R-6 for TMK: 1-7-40:5. The project site encompasses an area of 31,638 sq. ft. Present plan calls for the apartment structure to be four stories, with a minimum of 65 parking stalls and 48 units.

5. Condenser Cooling Water Discharge, Kekaha Sugar Company - Department of Health

The purpose of this impact study is to provide the necessary data so that the federal Environmental Protection Agency (EPA) and the State Department of Health will be able to evaluate the environmental impact of the Kekaha Sugar Mill thermal discharge. This impact study and evaluation are necessary processes to be undertaken prior to the issuance of a permanent waste discharge permit or granting of a zone of mixing.

6. Marine Terminal Annex - U. S. Department of Commerce

The proposed Marine Terminal Annex will occupy an area of approximately four acres on Sand Island Access Road. This Annex to the Foreign Trade Zone (FTZ) Refinery will receive petroleum products from the FTZ refinery of Hawaiian Independent Refinery, Inc. (HIRI) by pipeline through the energy corridor, by barge and by tankers. The petroleum products would be stored for transshipment in the terminal storage tanks. The products stored will be aviation fuel, marine fuel, automotive fuel, and LPG gas. Annex facilities will include the following: FTZ Annex, Foreign-Trade Subzone refinery at Barbers Point, white oil pipeline from the refinery to the Annex.

7. Hawaiian Independent Refinery, Inc. (HIRI) Plant Expansion - U. S. Department of Commerce

The proposed project involves a modification to the grant for Foreign-Trade Sub-Zone No. 9A issued to the State of Hawaii. The modification will permit the expansion of the refinery operated by subzone user, HIRI. The refinery will increase its daily capacity from 29,500 barrels per day to 125,000 barrels per day. Storage capacity

(7)

will be increased by 3.3 million barrels.
26.7 acres of additional land will be added
to the subzone for a part of this storage.

8. Kapiolani Interchange -
On Ramp - Federal High-
ways Administration and
State Department of
Transportation

Honolulu,
Oahu

The proposed Kapiolani Interchange On-Ramp
will start from Kapiolani Boulevard, in the
vicinity between Haunawai Place to Manoa-
Palolo Drainage Canal and will terminate at
the existing stub of Interstate Route H-1,
approximately 700 feet east of the existing
King Street On-Ramp. Approximate length of
the on-ramp is 1,500 feet (0.28 miles).

Non-Impact Statement

1. Gas Pipeline and Oil
Pipeline from Pearl
City to Iwilei -
Department of
Transportation

Honolulu,
Oahu

The proposed project consists of three sec-
tions:

1. Installation of gas pipelines (2) for
Gasco, Inc., and Hawaiian Independent
Refinery along Kamehameha Highway from
Lehua Street to Hale Street.
2. The State's Energy Corridor will be
routed through portions of Federal Aid
Interstate Project from Salt Lake Blvd.
to Paiae Street.
3. A gas pipeline will be routed from Paiae
St. through Keehi Interchange to the
vicinity of Iwilei gas plant.

2. Hawaii Community College
Faculty Offices for
Development Educational
Services - Department of
Accounting and General
Services

Hilo,
Hawaii

Project consist of relocating one (1)
existing model home building on the
Project site to provide additional offices
and conference room space for the
Development Educational Services program
of the Hawaii Community College.

3. Piikoi Street Widening
Between Young and Beretania
Streets - Department of
Transportation Services,
CSC of Honolulu

Honolulu,
Oahu

The project consists of widening the Ewa
side of Piikoi St. between Young St. and
Beretania. The work includes relocating
existing curbs, gutters, sidewalks, utilities

11/28

10/24

10/24

10/24

and street appurtenances to provide for another carrying lane.

4. Ward Avenue Widening
Between Kinau and
Beretania Streets -
Department of
Transportation Services,
C&C of Honolulu
Honolulu,
Oahu
- The project involves the widening on the Ewa side of Ward Avenue between Kinau St. and Beretania Street. The widening will acquire acquisition of a ten-foot strip from three parcels fronting the proposed improvement. The proposed improvement will extend the present 40-foot curb-to-curb width to 52 feet (addition of another carrying lane) and will include relocation of existing curbs, gutters, sidewalks, utilities and street appurtenances.
- 10/24

5. Honokaa Park Development -
Department of Public
Works, County of Hawaii
Honokaa,
Hawaii
- The proposed Honokaa Park and Playground is planned as a multi-purpose regional park offering the following facilities: tract/football, Little League/softball, baseball, service facilities, and a gymnasium. The 27 acre site is presently used for agricultural.
- 10/24

* * * * * * * * * * * * * * *
* * E I S N E W S L E T T E R * *
* * * * * * * * * * * * * * *

October 31, 1973

I-19

Persons interested in obtaining additional information should contact this Office at 550 Halekauwila Street, Tani Office Building, Room 301, Honolulu, Hawaii 96813 or call 548-6915.

EPA'S "SIGNIFICANT DETERIORATION PLAN" DENOUNCED BY THE DEPARTMENT OF HEALTH, SPECIAL TASK FORCE

The State Department of Health in conjunction with a special Task Force (developed for the prime purpose of evaluating the "Significant Deterioration Plan") has submitted comments to the EPA regarding the agency's four (4) proposals for regulating air quality (published in issues I-15 and I-16 of the EIS Newsletter).

The following is an excerpt from the report sent to EPA:

A. EPA's Proposals - Hawaii's Comments

1. Air Quality Increment Plan

This alternative would provide for a nation-wide maximum allowable increment in ambient air quality deterioration above the baseline air quality.

A comparison of the proposed allowable increments of air quality deterioration with the State of Hawaii ambient air quality standards shows that the allowable increments added to 1972 baseline levels would allow deterioration to approach the State ambient air quality standards. In fact, the allowable increment for sulfur oxides for a 24-hour period would exceed State standards by 20 ug/m³. This would seem to be contrary to the intent of the regulation. It is, therefore, evident that the problem arises out of the arbitrariness of selecting and applying one set of deterioration increments to all of the states, disregarding differences in desirable air quality both between and within the states.

2. Emissions Limitation Plan

This plan would prevent deterioration by establishing a ceiling emission rate either by adding 20 percent to the baseline emissions or calculating a ceiling

based on the emission density of an area, whichever is larger. Such an approach would result in higher monitoring costs and severely constrained land use planning. This method is administratively simple but may result in irrational or arbitrary decisions. It would present the same problem to other states with unique geographic areas and similar problems.

3. Local Definition Plan

The Local Definition Plan would have merit in that it would allow local government, with public input, to determine whether emissions from proposed new or modified existing sources would significantly deteriorate local ambient air quality.

As far as Hawaii is concerned, this proposal coincides with Hawaii's existing non-degradation policy. Public Health Regulations, Chapter 42, Ambient Air Quality Standards, Section 2.3, states: "The numerical air quality standards established by these regulations shall be construed as establishing the maximum permissible concentrations of the identified pollutants in the ambient air throughout the State of Hawaii. No lowering of the air quality of the ambient air shall be permitted in areas which the concentration of the identified pollutants are lower than the numerical standards established by these regulations unless it has been affirmatively demonstrated to the Director of the Department of Health that a lowering of the quality of the ambient air in an area is justified as a result of necessary economic or social development and that such lowering of air quality will not seriously interfere with or become injurious to any assigned use made thereof. Any industrial, public, or private project or development which could constitute a new source of air pollution or an increased source of air pollution will be required to have a permit to construct and operate and, as part of the initial project design, to provide the highest and best practical degree of air pollution control." Since the Hawaii regulations were ruled inadequate by EPA with respect to prevention of significant air quality deterioration, the EPA Local Definition Plan seemingly would not meet the intent of the proposed regulations in Hawaii or any other state.

4. Area Classification Plan

Inherent in the procedures are obvious EPA biases favoring development over preservation of clean air. The proposed plan also contains time and public

hearing constraints which would discourage the application of the more stringent Zone I criteria. Yet, the stringent Zone I criteria would appear to be more applicable to many areas in Hawaii. Application of Zone II criteria would permit the ambient air quality of Hawaii to deteriorate virtually to the levels established by the State ambient air quality standards. Furthermore, since there are only two zones proposed, it would seem that it would tend to produce the opposite effect--allowing all growth to proceed in Zone II areas until the increment was completely utilized. There would be considerable political pressure to place the entire state into a Zone II classification.

B. Recommended Alternative Proposal

For Hawaii, a combination of the third and fourth proposals would be more applicable providing the biases and constraints were removed which would severely limit the use of the more stringent Zone I criteria. The combination would place a ceiling on maximum allowable deterioration, yet would require specified proposed new and modified existing sources to be approved on a case-by-case basis.

We believe strongly that each area, which may include more than one state, should be permitted to establish standards and implementation procedures to control significant deterioration, but that these standards and procedures be subject to the approval of EPA. In this manner, need for flexibility to handle local conditions can be achieved with the assurance that overall National standards are not compromised.

The State of Hawaii desires to have several zones that take into account state and county land use planning and its system of state districting. The air quality contours that will be developed will reflect land use and relate to natural air sheds. Tentatively, the procedures to establish zones and insure the protection of high quality area might be as follows.

1. The use of a diffusion model to characterize the air quality of the various areas and develop a 1972 baseline air quality contour map.
2. Develop a projected air quality contour map based upon state and county general plans.

3. If it is shown in the projected air quality contour map that an area planned for development would adversely affect a neighboring area, or itself suffer unacceptable deterioration, any development in such areas would be scaled down or relocated. After a number of iterations, an acceptable air quality contour map can be developed and used as the basis for establishing air quality zones. In no area would air pollutant levels be permitted to exceed the State's standards. In most areas, air pollutant levels would be maintained well below the State standards. It should be noted that Hawaii's ambient air quality standards are more stringent than the Federal standards.
4. Air quality criteria would be "cranked into the planning process" as one of the guiding factors for future development. In urban areas, maximum development limits may be near the allowable ceiling which means new growth would be allowed only if existing sources can further reduce emissions. For other areas, a certain amount of deterioration would be reserved for future development.
5. The final plan, including the proposed air quality standards and means for implementation and enforcing such standards, would be subject to the approval by the appropriate Federal agencies.

ANTICIPATED EIS

Honolulu District Court (relocation), Kahaluu Flood Control Project, Kaneohe Civic Center (site selection), Maintenance of Harbors (dredging), Pacific Sea Jetfoils (inter-island transportation service).

ENVIRONMENTAL ASSESSMENT

This Office has received an environmental assessment for a brew-house addition by the Joseph Schlitz Brewing Company. The Hawaii Brewing Company is presently contemplating the addition of a brewhouse and can line to its present operations in Aiea. The proposed brewhouse addition will be three-story (approximately 60 feet high). A new hot water storage tank and a wet spent grain storage tank will also be constructed and will be located adjacent to the new brewhouse building.

EIS REGISTER

Final Environmental Impact Statements

Project Name - Expending on
Initiating Agency

Suspense
Date

<u>Project Name - Expending on</u>	<u>Initiating Agency</u>	<u>Location</u>	<u>Description</u>	<u>Suspense Date</u>
1. Inoaole Housing Project - Hawaii Housing Authority	Waimanalo, Oahu	The project site is located immediately adjacent to Waimanalo School and across the Bellows Field Air Force Base. The Inoaole Subdivision will be utilizing the concept of duplex housing, and will include 93 such units, totalling 186 units. The purpose of the project is to provide low-cost housing to the Waimanalo area.	Currently being processed by this Office	
2. Hikiula Gulch Drainage Channel - Department of Public Works, County of Kauai	Hanapepe, Kauai	The proposed project is to be located in the area between Hikiula Gulch and the Hanapepe River. The improvement system consists of a drainage channel (approximately 1300 feet long and 15 feet wide) leading from the lower elevation of Hikiula Gulch to a sump area adjacent to the Hanapepe River; and an outlet structure designed to remove silt and mud from the flow before it enters the Hanapepe River.	Currently being processed by this Office	
3. Kauai Community College Site Department of Accounting and General Services	Lihue, Kauai	The proposed Kauai Community College (KCC) site is located off the Kauai Belt Road (Kaumualii Highway) in Puhi, Lihue, Kauai, identified as Lot 445-A of Land Court Application of 1087 or Tax Map Key No. 3-4-05:03 portion. The proposed KCC site consists of approximately 199 acres. The site is "agriculture" designated on the State Land Use Map, and the Kauai General Plan; and zoned agriculture in the Kauai Comprehensive Zoning Ordinance. Facilities to be included consists of administration area, campus center, dormitory, learning resource center, instructional material center and other educational facilities.	Currently being processed by this Office	

Draft Environmental Impact Statements

1. Reforestation Project - Hilo,
Within Portions of the Hawaii
Waiakea, Upper Waiakea and
Oiaa Forest Reserves -
Division of Forestry, Department of Land and Natural Resources

A reforestation project is proposed for 5,300 acres within portions of the Waiakea, Upper Waiakea and Oiaa Forest Reserve. (Site is located about 10 miles South of Hilo.)

Site preparation consists of clearing most of the large vegetation. Tree species capable of producing quality hardwood lumber such as queensland maple, Australian Toon, saligna eucalyptus, and rose gum eucalyptus will be planted after the clearing operation. In the vicinity of mature koa trees, the site preparation work will induce heavy koa regeneration to renew the koa forest reserve.

2. Condenser Cooling Water Discharge, Kekaha Sugar Company - Department of Health - Kekaha, Kauai
The purpose of this impact study is to provide the necessary data so that the Federal Environmental Protection Agency (EPA) and the State Department of Health will be able to evaluate the environmental impact of the Kekaha Sugar Mill thermal discharge. This impact study and evaluation are necessary process to be undertaken prior to the issuance of a permanent waste discharge permit or granting of a zone of mixing.

3. Marine Terminal Annex - Honolulu, Oahu
U. S. Department of Commerce
The proposed Marine Terminal Annex will occupy an area of approximately four acres on Sand Island Access Road. This Annex to the Foreign Trade Zone (FTZ) Refinery will receive petroleum products from the FTZ refinery of Hawaiian Independent Refinery, Inc. (HIRI) by pipeline through the energy corridor, by trucks, by barge and by tankers. The petroleum products would be stored for transshipment in the terminal storage tanks. The products stored will be aviation fuel, marine fuel, automotive fuel, and LPG gas. Annex facilities will include the following: FTZ Annex, Foreign-Trade Subzone refinery at Barbers Point, white oil pipeline from the refinery to the Annex.

11/8

11/9

4. Hawaiian Independent Refinery, Inc., (HIRI) Plant Expansion - U. S. Department of Commerce

The proposed project involves a modification to the grant for Foreign-Trade Sub-Zone No. 9A issued to the State of Hawaii. The modification will permit the expansion of the refinery operated by subzone user, HIRI. The refinery will increase its daily capacity from 29,500 barrels per day to 125,000 barrels per day. Storage capacity will be increased by 3.3 million barrels. 26.7 acres of additional land will be added to the subzone for a part of this storage.

5. Eurasian Pine Aphid Infestation - Department of Land and Natural Resources

Waihou Spring Forest Reserve, Maui

The establishment of the Eurasian pine aphid on Maui has posed a serious threat to the silvicultural studies at the Waihou Forest Reserve. The Department of Land and Natural Resources, in an attempt to control the Eurasian pine aphid population in the study area, has proposed to spray 40 acres of pine trees in the Waihou Forest Reserve. The insecticide to be used is Diazinon AG-500 and it will be applied by helicopter.

6. Sand Island Parkway and Utilities Master Plan - Department of Land and Natural Resources

Kapalama, Oahu

The proposed project consists of the construction of a main thoroughfare on Sand Island; commencing at the existing bridge abutment, extending easterly for approximately 1.5 miles, then merging with the existing road at the Sand Island Fishery Station. In addition to the proposed Parkway, the project will also include a Utilities Master Plan, outlining the necessary improvements to provide essential support facilities for Sand Island. Included in the plan are drainage structures, water, sewer, electrical and telephone services.

7. Hawaii Biogenics Agricultural Complex - Department of Agriculture

North Kohala, Hawaii

The proposed complex will be built on Kohala Sugar Company's land (Upolu Field #8) consisting of approximately 86 acres. The complex will consist of a confined Holstein steer operation from birth to table, a custom Holstein heifer operation, a custom confined feedlot for

11/9
The proposed project involves a modification to the grant for Foreign-Trade Sub-Zone No. 9A issued to the State of Hawaii.

11/12
The establishment of the Eurasian pine aphid on Maui has posed a serious threat to the silvicultural studies at the Waihou Forest Reserve.

11/23
The proposed project consists of the construction of a main thoroughfare on Sand Island; commencing at the existing bridge abutment, extending easterly for approximately 1.5 miles, then merging with the existing road at the Sand Island Fishery Station. In addition to the proposed Parkway, the project will also include a Utilities Master Plan, outlining the necessary improvements to provide essential support facilities for Sand Island. Included in the plan are drainage structures, water, sewer, electrical and telephone services.

11/25
The proposed complex will be built on Kohala Sugar Company's land (Upolu Field #8) consisting of approximately 86 acres. The complex will consist of a confined Holstein steer operation from birth to table, a custom Holstein heifer operation, a custom confined feedlot for

for ranchers cattle, a swine farrowing and rearing operation and an aquacultural unit for catfish and Malaysian pawns. The balance of the State Lands leased from Kohala Corp. will comprise an agricultural buffer to the complex on which forage and grain crops will be grown.

8. Campus Center, University of Hawaii at Hilo - Department of Accounting and General Services

The proposed campus center complex will occupy approximately 2 acres of land area. Facilities to be constructed include: a campus center building, paved parking area, entrance Plaza, and dining lanai. The proposed campus building will be a three-story reinforced concrete building containing a gross area of approximately 82,115 square feet. Its spaces will include a kitchen, dining rooms, lounge, recreation room, meeting and seminar rooms, offices, workrooms, darkrooms, bookstone, arts and crafts rooms and sun decks.

Non-Impact Statements

1. Kamehameha Highway, from Heeia, Oahu
Liliipuna Road to Haiku Road - Department of Transportation

Kamehameha Highway, from Liliipuna Road to Haiku Road is approximately 1,700 feet in length. The proposed project consists of the widening of the two-lane highway to a six-lane highway. Other new improvements consists of concrete curbs, gutters, sidewalks, new street lighting system, new storm drain system and landscaping.

2. Sub-Drain Field Improvements at Lihue Airport - Department of Transportation

This project proposes to improve the sub-drain field of the sanitary sewer system by adding three additional sub-drain trenches approximately 50 feet in length from the existing cesspools. The additional sub-drain trenches will alleviate backup and overflow of the cesspools and cavitette units.

11/9

3. Waimea Athletic Field and Playground - Department of Public Works, County of Kauai

The proposed project consists of the development of an athletic field and a playground. The park will be situated on a 12.947 acre parcel located to the south of Waimea Elementary and Intermediate School. The project will include the following: a football field, baseball field, little league field, illuminated softball field, paved and illuminated basketball court, children's playground area, paved parking areas, restroom facilities, and a passive recreation area.

4. Waimea Neighborhood Center - Department of Public Works, County of Kauai

This project includes the construction of a neighborhood center within the site of the Waimea Intermediate and High School. The area to be used for the center will include 1.130 acres and is portion of Land Court Application 1076, TMK No. 1-6-09-23. The proposed one-story structure will contain approximately 7,000 square feet of floor area with parking facilities for 29 cars.

5. Koko Head Elementary School - Department of Accounting and General Services

Honolulu, Oahu
The project consists of the installation of a new covered walkway roof of an existing classroom building to replace the roofing that had to be removed because of structural deficiencies.

6. Improvements and Realignment of Lagoon Drive at Honolulu International Airport - Department of Transportation

Honolulu, Oahu
The project will be implemented in two parts:
(a) The first section proposes to construct between Koapaka Street to Aolele Street: widening the roadway (four lanes to six lanes), construct curbs and gutters, underground utilities, install sidewalks and plant trees along Lagoon Drive between Koapaka Street and Ualena Street.

(b) The project also proposes to realign approximately 5,000 feet of Lagoon Drive. This section includes construction of a new two-lane roadway.

EIS NEWSLETTER
(I-19)

OFFICE OF ENVIRONMENTAL QUALITY CONTROL

REQUEST FOR DRAFT EIS

Sent to: _____

Contact: _____ phone No: _____

Request a copy of the following:

1. _____
2. _____
3. _____

Date: _____

Return to: OFFICE OF ENVIRONMENTAL QUALITY CONTROL
Office of the Governor
550 Halekauwila Street, Room 301
Honolulu, Hawaii 96813